

## XP-002255789

AN - 1993-402529 [50]

AP - SU19904877545 19901026

CPY - DZCH-R

DC - J02

FS - CPI

IC - B01J2/02

IN - LITVINOV P YU; SAKHAROV V N; SELEZENEV A N

MC - J04-A05

PA - (DZCH-R) DZERZH CHEM EQUIP RES CONSTR INST

PN - SU1777944 A1 19921130 DW199350 B01J2/02 006pp

PR - SU19904877545 19901026

XA - C1993-179211

XIC - B01J-002/02

AB - SU1777944 The granulator includes a shaft (2) rotating with a casing (3) having a perforated side (4) and a central liquid feed neck (5), a coaxial vibrator ratchet wheel (7) engaging rollers (21) with eccentric spindles and a static base (9) carrying rotating vertical shafts each having a terminal lever (11-13). Wheel (7) is fixed to the neck, and damper arms (18) on the vertical shafts accommodate the spindles supplemented by ties (14-16) with a reciprocator (17).

- Pref. the ties are extendable and the damped ends of the shafts are polygonal, while wheel (7) is housed in slits in the neck. The rollers are aligned with the wheel teeth for introduction of the melt via pipe (6). The perforated wall (4) generates droplets and the vibrator pneumatic cylinder (17) rotates parts (11-13) and (18), to give controlled vibration of parts (3 and 7). This clears the solidified melt residue from the holes and maintains a uniform granule size and shape.

- ADVANTAGE - Reliability and efficiency are increased. Bul.44/30.11.92

- (Dwg.1/2)

IW - MELT GRANULE PROGRAM AUTOMATIC CLEAR VIBRATION MECHANISM MAINTAIN UNIFORM GRANULE SIZE SHAPE

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INW - LITVINOV P YU; SAKHAROV V N; SELEZENEV A N

NC - 001

OPD - 1990-10-26

ORD - 1992-11-30

PAW - (DZCH-R) DZERZH CHEM EQUIP RES CONSTR INST

TI - Melt granulator with programmed automatic clearing - has vibrator mechanism maintaining a uniform granule size and shape